

Schedule of Installation and Removal Dates for South Delta Temporary Barriers from 1987 through 2003

Year	Middle River							Old River near Tracy (DMC)							Grant Line Canal												
	Installation			Notched	Removal			Installation			Notched	Removal			Installation			Flashboards Adjusted	Removal								
	Started	Closed	Completed		Started	Breached	Completed	Started	Closed	Completed		Started	Breached	Completed	Started	Closed	Completed		Started	Breached	Completed						
1987			15-May			End of Sep			End of Sep																		
1988	26-May		28-May			23-Sep			23-Sep																		
1989			12-Apr			26-Sep			26-Sep																		
1990			16-Apr			29-Sep			29-Sep																		
1991	4-Apr		5-Apr			27-Sep			27-Sep	14-Aug		30-Aug			28-Sep								13-Oct. (i)				
1992	8-Apr		10-Apr			28-Sep			29-Sep						30-Sep								Oct-09(ii)				
1993	14-Jun		17-Jun			23-Sep			24-Sep	12-May		1-Jun			27-Sep								6-Oct				
1994	23-Apr		25-Apr			29-Sep			5-Oct						26-Sep								10-Oct				
1995	8-Aug		11-Aug			10-Oct			10-Oct	3-Aug		8-Aug			27-Sep								6-Oct				
1996	18-May		20-May			29-Sep			29-Sep	12-May		10-Jun (iii)			29-Sep					17-Jun			10-Jul	2-Oct	15-Oct		
1997	3-Apr		7-Apr			27-Sep			28-Sep	8-Apr		17-Apr			30-Sep					21-May			4-Jun	26-Sep	15-Oct		
1998	(vii)									(vii)										(vii)							
1999	15-May		18-May			29-Sep			2-Oct	15-May		28-May			28-Sep					15-May			3-Jun	23-Sep	5-Oct		
2000	4-Apr		6-Apr			1-Oct			7-Oct	4-Apr		16-Apr			1-Oct					19-May			1-Jun	1-Oct	7-Oct		
2001	20-Apr		23-Apr			12-Nov			13-Nov	23-Apr		26-Apr			13-Nov					2-May			9-May	26-Nov	11-Nov	12-Nov	18-Nov
2002	10-Apr		15-Apr			20-Nov			20-Nov	1-Apr		18-Apr			16-Nov					1-Apr			12-Jun	14-Nov	16-Nov	25-Nov	
2003	12-Apr	15-Apr	23-Apr	17-Sept.		7-Nov			8-Nov	1-Apr	14-Apr	22-Apr	17-Sept.	13-Nov	15-Nov	25-Nov				1-Apr. (Partial) 9-June (Full)	11-Jun		23-Apr. (Partial) 17-June (Full)	16-Sept.	10-Nov	12-Nov	25-Nov

Year	Spring Head of Old River						Fall Head of Old River (v)											
	Installation			Notched	Removal			Installation			Notched	Removal						
	Started	Closed	Completed		Started	Breached	Completed	Started	Closed	Completed		Started	Breached	Completed				
1987							9-Sep			11-Sep						28-Nov		
1988							22-Sep			28-Sep						2-Dec		
1989							27-Sep			28-Sep			27-Nov			30-Nov		
1990							10-Sep			11-Sep						27-Nov		
1991							9-Sep			13-Sep			22-Nov			27-Nov		
1992						2-Jun			8-Jun	8-Sep			30-Nov			4-Dec		
1993							8-Nov (vii)			11-Nov			3-Dec			7-Dec		
1994						18-May			20-May	6-Sep			28-Nov			30-Nov		
1995	(vii)						(vii)											
1996	6-May		11-May			16-May			3-Sept (iv)	30-Sep			3-Oct			18-Nov	22-Nov	
1997	9-Apr		16-Apr			15-May			19-May (viii)									
1998	(vii)						(vii)											
1999	(vii)						(viii)											
2000	5-Apr		16-Apr			19-May			2-Jun	27-Sep			7-Oct			27-Nov	8-Dec	
2001	17-Apr		26-Apr			23-May			30-May	24-Sep			6-Oct			22-Nov	22-Nov	2-Dec
2002	2-Apr		18-Apr			22-May			24-May	24-Sep			4-Oct			11-Nov	12-Nov	21-Nov
2003	1-Apr	15-Apr	21-Apr			16-May			18-May	2-Sept.	15-Sept.		18-Sep	16-Sept.		3-Nov	4-Nov	13-Nov

(i) Barrier notched on Sept. 28, 1991. Construction resumed on Oct. 10 and finished on Oct. 13.
(ii) Barrier notched on Sept. 30, 1992. Construction resumed on Oct. 2 and finished on Oct. 9.
(iii) Construction was delayed on 5/17 and resumed on 6/5 due to high flows.
(iv) Barrier was breached on 5/ 16 on an emergency basis, but complete removal wasn't done until 9/3, after Corps demanded permit compliance of complete removal.
(v) Barrier was installed in previous years.
(vi) Installation delayed due to high flows.
(vii) Not installed due to high San Joaquin River flows.
(viii) Not installed upon DFG's request.